



## Scaling to Account for Magic Sp

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# Scaling to Account for Magic Sp

- National Fish Hatchery
- Thousand Springs

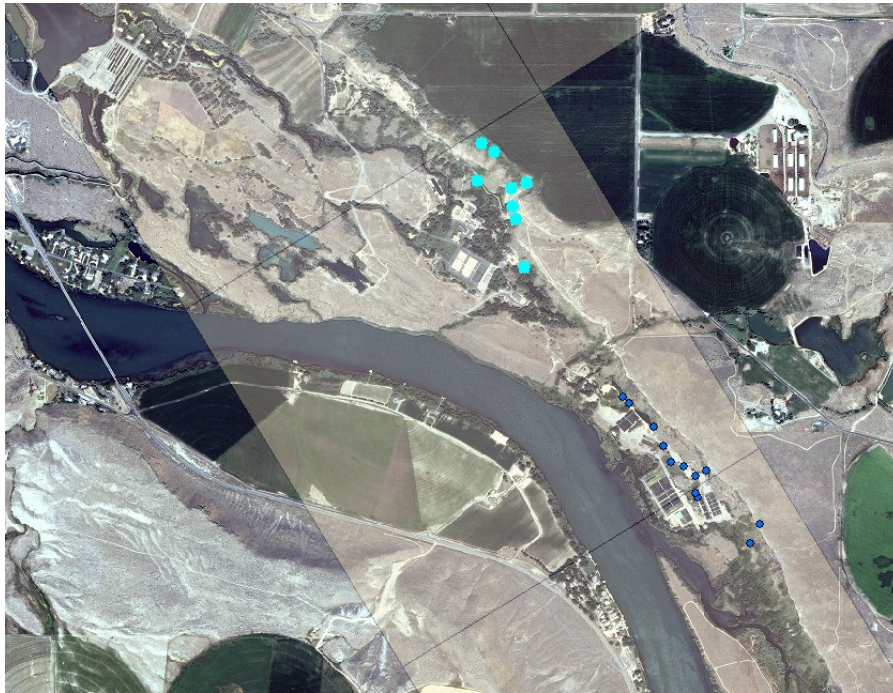


# National Fish Hatchery



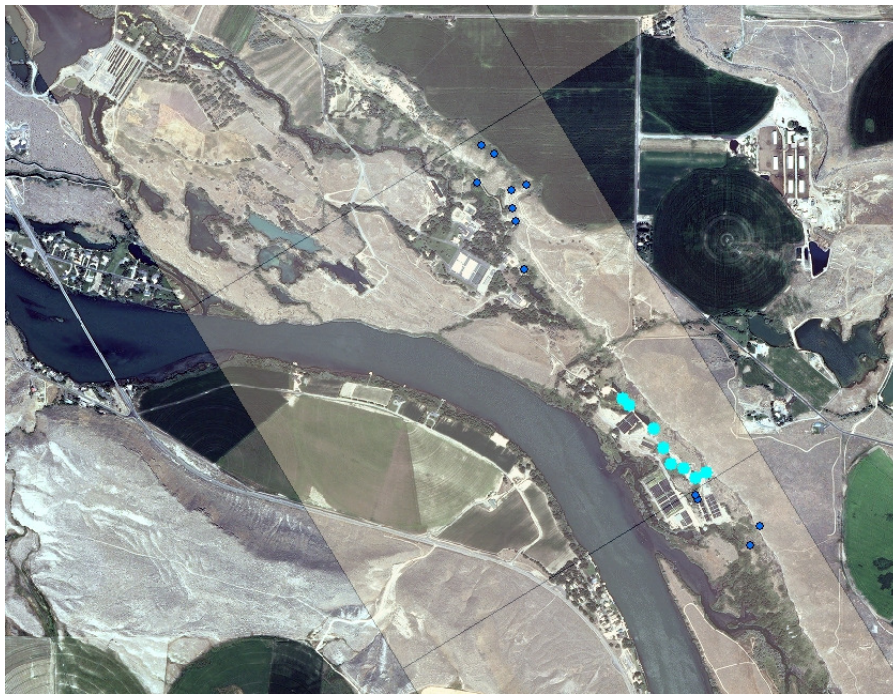


# National Fish Hatchery



- National Fish Hatchery springs
  - Covington & Weaver sum = 80 cfs

# National Fish Hatchery



- Sea Pack springs
  - Covington & Weaver sum = 113 cfs

# National Fish Hatchery

- $(80+113)/193 = 2.40$
- $\text{NtlFishHatch} * 2.40 = \text{Calibration Target}$



# Thousand Springs Cell



# Thousand Springs Cell



- Thousand Springs
  - Covington & Weaver sum = 1540 cfs
  - Did not make sense, contacted USGS and IPCo



# Thousand Springs Cell



- Thousand Springs Power Plant
  - Covington & Weaver sum = 500 cfs

# Thousand Springs Cell



- Magic Springs in cell 1044012 + unused
  - Covington & Weaver sum = 77.2 cfs



## Thousand Springs Scaling to account for Magic Sp

- Ratio
- $(500+77.2)/500 = 1.15$
- Thousand Springs \* 1.15 = Calibration Target

# Thousand Springs Cell

- This was an important adjustment
- But hold the phone



# Thousand Springs Cell



- Two springs identified in Covington & Weaver, are not springs

# Ungaged flow



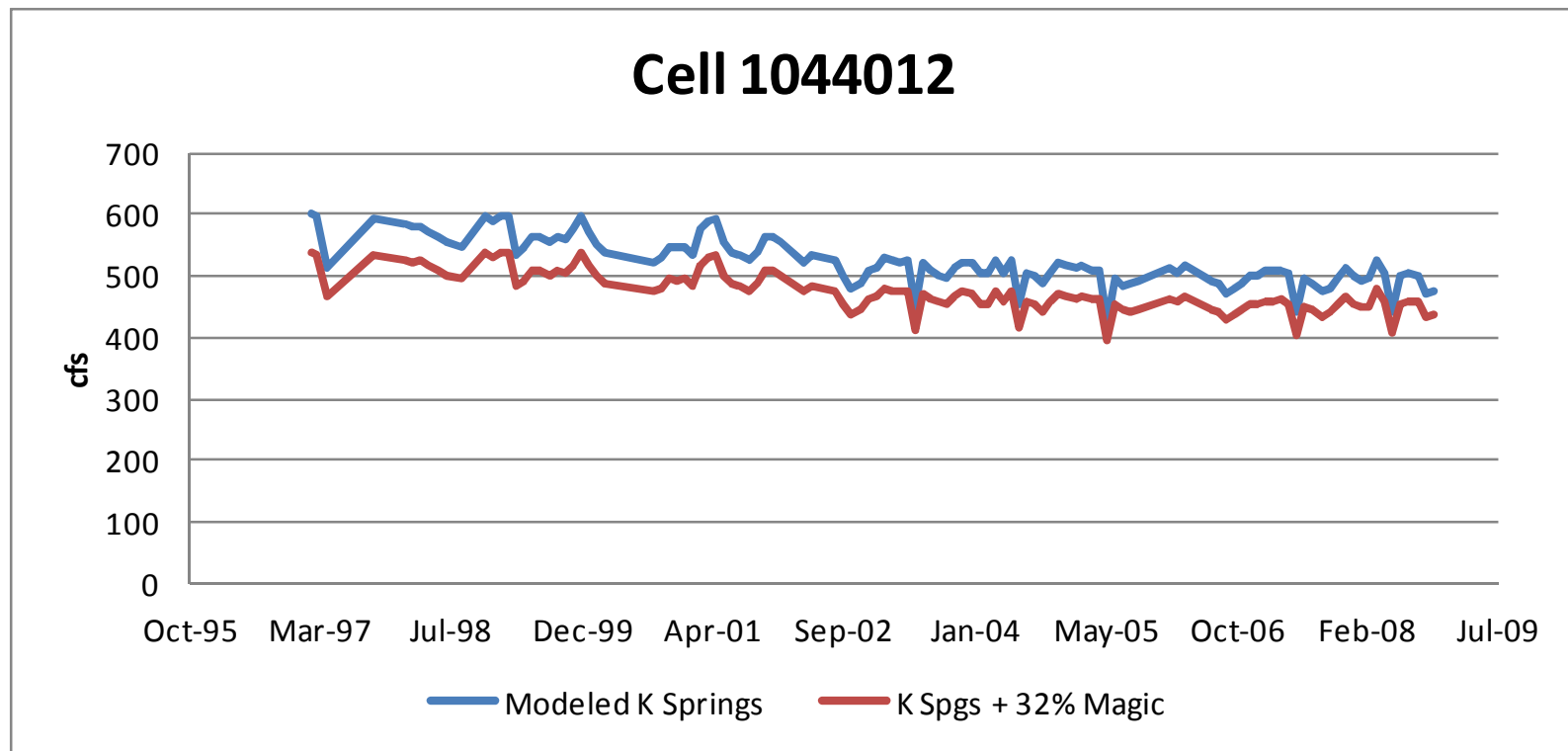
- Minnie Miller
- Unnamed Thousand Springs
- Additional spring used to irrigate park
- Brailsford Pipe on Magic Sp
  - Used for irrigation part of the year



## What we know

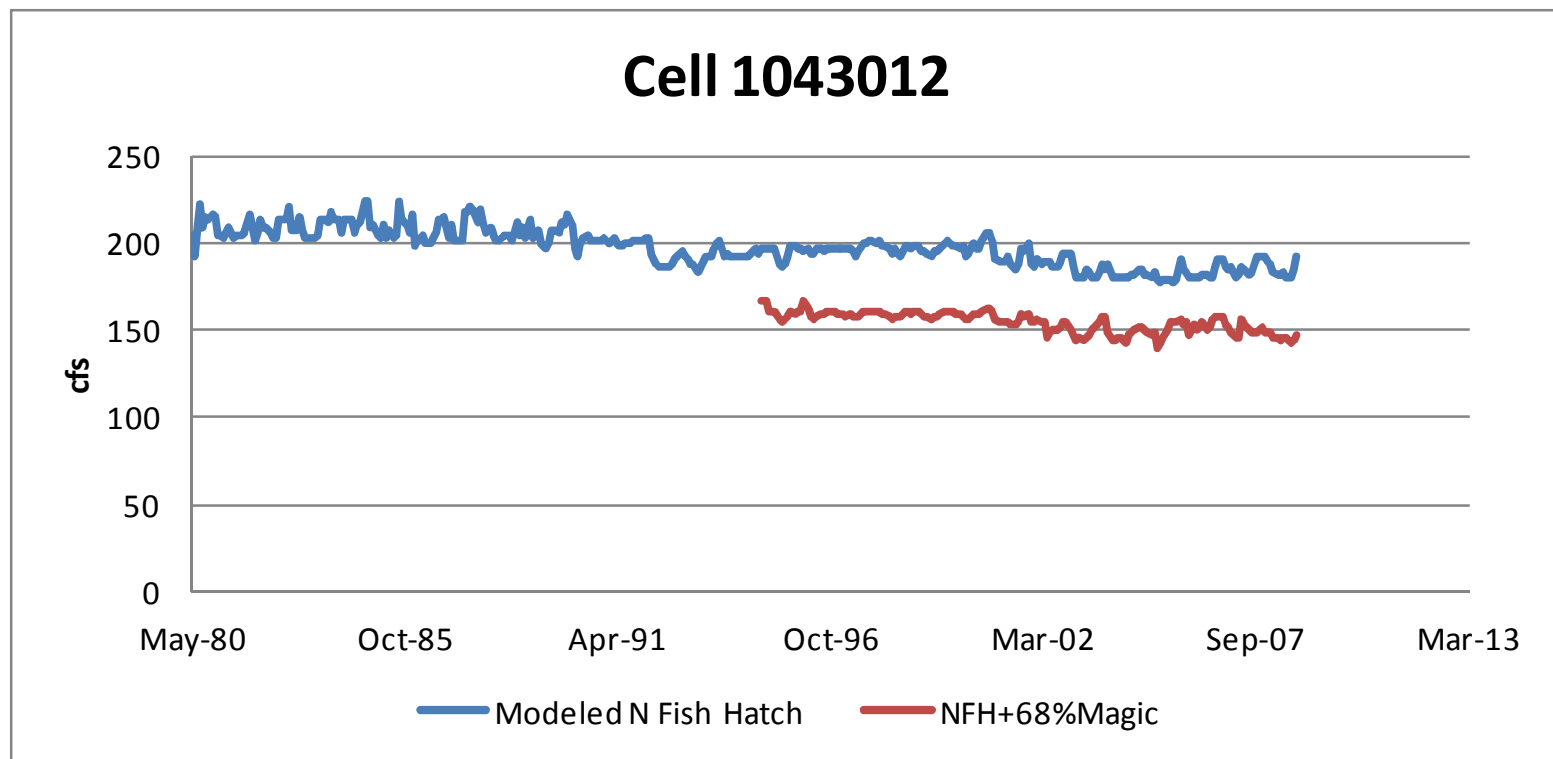
- Thousand Springs Power Plant + Magic Sp + National Fish Hatchery < Total discharge for cells

Cell containing Thousand Sp  
avg 48.8 cfs higher than K Spgs + 32%  
Magic





Cell containing National Fish Hatchery  
avg 50.3 cfs higher than NFH+ 68% Magic





END

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